

**CPC****COOPERATIVE PATENT CLASSIFICATION****F03H****PRODUCING A REACTIVE PROPULSIVE THRUST, NOT OTHERWISE PROVIDED FOR** (from combustion products F02K)**F03H 1/00**

**Using plasma to produce a reactive propulsive thrust** (generating plasma H05H 1/00){(ion sources per se H01J 27/02, ion sources for plasma processing or ion beams H01J 37/08)}

## F03H 1/0006

- . { Details applicable to different types of plasma thrusters (arrangements specially adapted for fitting plasma engines in or to cosmonautic vehicles B64G 1/405)}

## F03H 1/0012

- .. { Means for supplying the propellant}

## F03H 1/0018

- .. { Arrangements or adaptations of power supply systems (for cosmonautic vehicles B64G 1/42)}

## F03H 1/0025

- .. { Neutralisers, i.e. means for keeping electrical neutrality}

## F03H 1/0031

- .. { Thermal management, heating or cooling parts of the thruster (temperature control for cosmonautic vehicles B64G 1/50)}

## F03H 1/0037

- . { Electrostatic ion thrusters}

## F03H 1/0043

- .. { characterised by the acceleration grid (extraction optics for ion sources H01J 27/024)}

## F03H 1/005

- .. { using field emission, e.g. Field Emission Electric Propulsion [FEEP] }

## F03H 1/0056

- .. { with an acceleration grid and an applied magnetic field}

## F03H 1/0062

- .. { grid-less with an applied magnetic field}

## F03H 1/0068

- ... { with a central channel, e.g. end-Hall type}

## F03H 1/0075

- ... { with an annular channel; Hall-effect thrusters with closed electron drift}

## F03H 1/0081

- . { Electromagnetic plasma thrusters}

## F03H 1/0087

- . { Electro-dynamic thrusters, e.g. pulsed plasma thrusters}

## F03H 1/0093

- . { Electro-thermal plasma thrusters, i.e. thrusters heating the particles in a plasma (resistojets per se B64G 1/406)}

**F03H 3/00**

**Use of photons to produce a reactive propulsive thrust**

**F03H 99/00**

**Subject matter not provided for in other groups of this subclass**